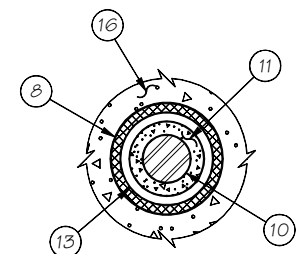
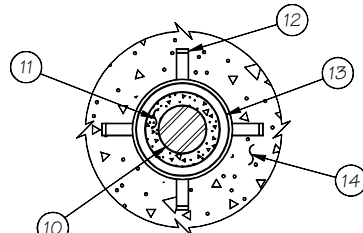


1. ANCHORAGE COVER
2. NUT
3. ANTICORROSION GREASE
4. BEARING PLATE
5. TRUMPET
6. ANTICORROSION GREASE
7. SEAL
8. SMOOTH PVC BOND BREAKER
9. PROTECTED BAR COUPLER
10. BAR TENDON
11. ENCAPSULATION GROUT
12. CENTRALIZERS
13. CORRUGATED PVC
14. ANCHOR GROUT
15. END CAP
16. NONSTRUCTURAL FILLER



SECTION C

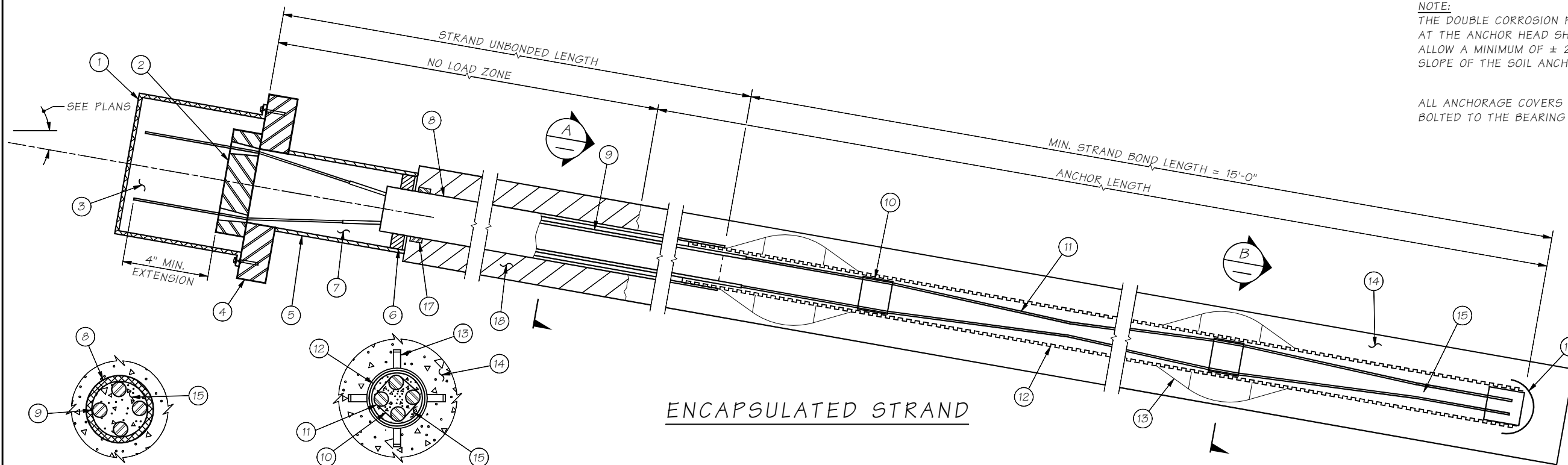


SECTION D

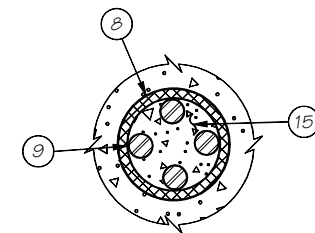
ENCAPSULATED BAR

NOTE:
THE DOUBLE CORROSION PROTECTION SYSTEM AT THE ANCHOR HEAD SHALL BE DETAILED TO ALLOW A MINIMUM OF $\pm 2^\circ$ VARIATION IN THE SLOPE OF THE SOIL ANCHOR FOR PLACEMENT TOLERANCE.

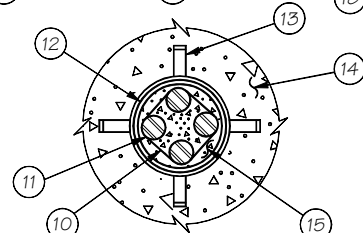
ALL ANCHORAGE COVERS SHALL BE BOLTED TO THE BEARING PLATES.



1. ANCHORAGE COVER
2. ANCHOR HEAD AND WEDGES
3. ANTICORROSION GREASE
4. BEARING PLATE
5. TRUMPET
6. SEAL
7. ANTICORROSION GREASE
8. PVC OR POLYETHYLENE TUBE
9. INDIVIDUALLY GREASED AND SHEATHED STRAND
10. SPACER
11. STRAND TENDON
12. CORRUGATED PVC
13. CENTRALIZER
14. ANCHOR GROUT
15. ENCAPSULATION GROUT
16. END CAP
17. TENSION RING TO RESIST SPITTING FORCE OF DEFLECTED STRANDS
18. NON-STRUCTURAL FILLER



SECTION A



SECTION B

ENCAPSULATED STRAND

Bridge Design Engr.	M:\STANDARDS\Wall\PERMANENT GROUND ANCHOR.MAN	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By		JOB NUMBER				
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APPD		

Wed Oct 27 10:45:49 2010

BRIDGE
AND
STRUCTURES
OFFICE



SOLDIER PILE/TIEBACK WALL
PERMANENT GROUND ANCHOR DETAILS

BRIDGE
SHEET
NO.
SHEET
OF
SHEETS

SR JOB NO. SHEET
8.1-A3-6